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=> file biosis, ca, inpadoc, jicst-e, medline
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==> s complement and (c1 or c3b or c4b) and (short consensus
repeat?)
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L6 88 COMPLEMENT AND (CR1 OR C3B OR C4B) AND (SHORT
CONSENSUS REPEAT?)

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L7 50 DUPLICATE REM L6 (38 DUPLICATES REMOVED)

=> d 17 1-50

L7 ANSWER 1 OF 50 CA COPYRIGHT 1994 ACS

AN CA120(15):189743e CA

TI Soluble analogs of type 1 ***complement*** receptors IN
Smith, Richard Anthony Godwin; Dodd, Ian; Freeman, Anne Mary;
Mossakowska, Danuta Eva Irena

PA SmithKline Beecham PLC

LO UK

50 PCT Int. Appl., 65 pp.

PI WO 9400571 A1 940106

DS W: JF, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE AI WO 93-GB1282 930616

FR01 GR 92-13376 920624

GB 93-4057 930301

SC 15-4 (Immunochemistry)
SX 1
DT P
CO PIXXD2
PY 1994
LA Eng

L7 ANSWER 2 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE

1 AN 94:207224 BIOSIS

DN BA97:137332

TI Quantitative analysis of ***C4b*** dimer binding to distinct sites on the ***C3B*** - ***C4b*** receptor (***CR1***). AU Reilly B D; Makrides S C; Ford P J; Marsh H C Jr; Mold C CS Dep. Microbiol., Univ. New Mexico Sch. Med., Albuquerque, NM 87131, USA

SO Journal of Biological Chemistry 269 (10). 1994. 7696-7701.

ISSN: 0021-9258

LA English

L7 ANSWER 3 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE

2 AN 94:226452 BIOSIS

DN BA97:156566

TI Binding of ***C3b*** and ***C4b*** by the ***CR1***-like site in murine ***CR1***.

AU Kalli K R; Fearon D T

CS Dep. Med., Univ. Cambridge Sch. Clinical Med., Addenbrooke's Hosp., Hills, Cambridge CB2 2SP, UK

SO Journal of Immunology 152 (6). 1994. 2899-2903. ISSN:

0022-1767 LA English

L7 ANSWER 4 OF 50 MEDLINE 1994

AN 94132015 MEDLINE

TI A protein S binding site on ***C4b***-binding protein involves beta chain residues 31-45.

AU Fernandez JA; Griffin JH

CS Department of Molecular and Experimental Medicine, Scripps Research Institute, La Jolla, California 92037.

NC HL-21544 (NHLBI)

SO J Biol Chem, (1994 Jan 28) 269 (4) 2535-40.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 9405

L7 ANSWER 5 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE

3 AN 94:226344 BIOSIS

DN BA97:156453

TI A novel, ***complement*** factor H-related regulatory protein expressed on the surface of human B cell lines.

AU Erdei A; Julen N; Marschang P; Feifel E; Kerekes K; Dierich M P CS Dep. Immunol., L. Eotvos Univ., Javorka S.u. 14, H-2131

God, HUN SO European Journal of Immunology 24 (4). 1994.

867-872. ISSN: 0014-2980
LA English

L7 ANSWER 6 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
4 AN 94:159314 BIOSIS
DN BA97:105999
TI Molecular cloning of the rat ***complement*** regulatory
protein, 5I2 antigen.
AU Sakurada C; Seno H; Dohi N; Takizawa H; Nonaka M; Okada N;
Okada H CS Dep. Mol. Biol., Nagoya City Univ. Sch. Med., Mizuho,
Nagoya 467, JAP SO Biochemical and Biophysical Research
Communications 198 (3). 1994. 819-826. ISSN: 0006-291X
LA English

L7 ANSWER 7 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
5 AN 94:127772 BIOSIS
DN BA97:90643
TI Regulation of alternative pathway ***complement***
activation by glycosaminoglycans: Specificity of the
polyanion binding site on factor H.
AU Meri S; Pangburn M K
CS Dep. Bacteriol. and Immunol., FIN-00014 Univ. Helsinki, FIN
SO Biochemical and Biophysical Research Communications 198 (1).
1994. 52-59. ISSN: 0006-291X
LA English

L7 ANSWER 8 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
6 AN 93:388117 BIOSIS
DN BA96:63417
TI THE HUMAN ***C4B*** -BINDING PROTEIN BETA-CHAIN GENE. AU
HILLARP A; PARDO-MANUEL F; RUIZ R R; RODRIGUEZ DE CORDOBA S;
DAHLBACK B
CS DEP. CLINICAL CHEM., UNIVERSITY LUND, MALMO GENERAL HOSPITAL,
S-214 01 MALMO, SWED.
SO J BIOL CHEM 268 (20). 1993. 15017-15023. CODEN: JBCHA3 ISSN:
0021-9258
LA English

L7 ANSWER 9 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
7 AN 94:61887 BIOSIS
DN BA97:42381
TI Structure of the gene for the F allele of ***complement***
receptor type 1 and sequence of the coding region unique to the
S allele.
AU Vik D P; Wong W W
CS Dep. Microbiol., Univ. New Mexico Sch. Med., Albuquerque, NM
87131-5276, USA
SO Journal of Immunology 151 (11). 1993. 6214-6224. ISSN:
0022-1767 LA English

L7 ANSWER 10 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
8 AN 93:160862 BIOSIS
DN BA95:81912
TI HIGH AFFINITY BINDING OF HUMAN VITAMIN K-DEPENDENT PROTEIN S

TO A TRUNCATED RECOMBINANT BETA-CHAIN OF ***C4B***
-BINDING PROTEIN EXPRESSED IN ESCHERICHIA-COLI.
AU HARDIG Y; REZAIE A; DAHLBACK B
CS DEP. CLINICAL CHEM., UNIVERSITY LUND, MALMO GENERAL HOSPITAL,
S-21401 MALMO, SWED.
SO J BIOL CHEM 268 (5). 1993. 3033-3036. CODEN: JBCHA3 ISSN:
0021-9258 LA English

L7 ANSWER 11 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
9 AN 93:225310 BIOSIS
DN BA95:116485
TI MURINE ***C4B*** -BINDING PROTEIN MAPPING OF THE LIGAND
BINDING SITE AND THE N-TERMINUS OF THE PRE-PROTEIN.
AU OGATA R T; MATHIAS P; BRADT B M; COOPER N R
CS MED. BIOL. INST., 11077 N. TORREY PINES RD., LA JOLLA, CALIF.
92037. SO J IMMUNOL 150 (6). 1993. 2273-2280. CODEN: JOIMA3
ISSN: 0022-1767 LA English

L7 ANSWER 12 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS
AN 93:586256 BIOSIS
DN BA97:5131
TI A monoclonal antibody against human decay-accelerating factor
(DAF, CD55), D17, which lacks reactivity with semen-DAF.
AU Hara T; Matsumoto M; Fukumori Y; Miyagawa S; Hatanaka M;
Kinoshita T; Seya T; Akedo H
CS Dep. Immunol., Cent. Adult Diseases, Osaka, Higashinari-ku,
Osaka 537, JAP
SO Immunology Letters 37 (2-3). 1993. 145-152. ISSN: 0165-2478
LA English

L7 ANSWER 13 OF 50 CA COPYRIGHT 1994 ACS
AN CA120(21):264115g CA
TI Pig apolipoprotein R: a new member of the ***short***
consensus ***repeat*** (SCR) family of proteins AU
Copper, Scott Thomas
CS Univ. Wisconsin
LO Madison, WI, USA
SO 195 pp. Avail. Univ. Microfilms Int., Order No. DA9230157
From: Diss. Abstr. Int. B 1993, 53(8), 4078
SC 6-3 (General Biochemistry)
DT D
PY 1992
LA Eng

L7 ANSWER 14 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
10 AN 93:147398 BIOSIS
DN BA95:80198
TI CELL SURFACE EXPRESSION OF THE ***C3B*** - ***C4B***
RECEPTOR ***CR1*** PROTECTS CHINESE HAMSTER OVARY CELLS
FROM LYSIS BY HUMAN ***COMPLEMENT***
AU MAKRIDES S C; SCESNEY S M; FORD P J; EVANS K S; CARSON G R;
MARSH H C JR
CS T CELL SCIENCES INC., 38 SIDNEY ST., CAMBRIDGE, MASS. 02139,
USA. SO J BIOL CHEM 267 (34). 1992. 24754-24761. CODEN: JBCHA3

ISSN: 0021-9258
LA English

L7 ANSWER 15 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
11 AN 93:117613 BIOSIS
DN BA95:61713
TI FIG APOLIPOPROTEIN R A NEW MEMBER OF THE ***SHORT***
CONSENSUS ***REPEAT*** FAMILY OF PROTEINS. AU COOPER
S T; ATTIE A D
CS DEP. BIOCHEMISTRY, UNIVERSITY WISCONSIN-MADISON, MADISON,
WIS. 53706-1569.
SO BIOCHEMISTRY 31 (49). 1992. 12328-12336. CODEN: BICHAW ISSN:
0006-2960
LA English

L7 ANSWER 16 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
12 AN 92:369036 BIOSIS
DN BA94:51086
TI STRUCTURAL BASIS OF ***C3B*** BINDING BY GLYCOPROTEIN C
OF HERPES SIMPLEX VIRUS.
AU HUNG S-L; SKINIVASAN S; FRIEDMAN H M; EISENBERG R J; COHEN G
H CS DEP. MICROBIOLOGY, UNIVERSITY PENNSYLVANIA, PHILADELPHIA,
PA. 1904-6003.
SO J VIROL 66 (7). 1992. 4013-4027. CODEN: JOVIAM ISSN:
0022-538X LA English

L7 ANSWER 17 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS
AN 92:348087 BIOSIS
DN BA94:40312
TI TISSUE-SPECIFIC AND ALLELIC EXPRESSION OF THE
COMPLEMENT REGULAR CD-46 IS CONTROLLED BY ALTERNATIVE
SPLICING.
AU RUSSELL S M; SPARKROW R L; MCKENZIE I F C; PURCELL D F J CS
AUSTIN RES. INST., AUSTIN HOSP., HEIDELBERG, VICTORIA 3084,
AUSTRALIA.
SO EUR J IMMUNOL 22 (6). 1992. 1523-1518. CODEN: EJIMAF ISSN:
0014-2980 LA English

L7 ANSWER 18 OF 50 MEDLINE 1994
AN 92289809 MEDLINE
TI Tissue-specific and allelic expression of the
complement regulator CD46 is controlled by alternative
splicing. AU Russell SM; Sparrow RL; McKenzie IF; Purcell DF
CS Austin Research Institute, Austin Hospital, Heidelberg,
Victoria, Australia.
SO Eur J Immunol, (1992 Jun) 22 (6) 1513-8.
Journal code: ENS. ISSN: 0014-2980.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9209

L7 ANSWER 19 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE

L3 AN 92:166126 BIOSIS
DN RA93:88451
TI POLYMORPHISM AND PROTEOLYTIC FRAGMENTS OF GRANULOCYTE
MEMBRANE COFACTOR PROTEIN MCP CD46 OF ***COMPLEMENT***
AU MATSUMOTO M; SEYA T; NAGASAWA S
CS DEP. IMMUNOL., CENTER ADULT DISEASES OSAKA, HIGASHINARI-KU,
OSAKA 537.
SO BIOCHEM J 281 (2). 1992. 493-500. CODEN: BIJOAK ISSN:
0306-3275 LA English

L7 ANSWER 20 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS
AN 92:228115 BIOSIS
DN BR42:109615
TI ANALYSIS OF ***COMPLEMENT*** COMPONENT ***C3B***
BINDING REGIONS OF HERPES SIMPLEX VIRUS GLYCOPROTEIN C.
AU EISENBERG C R J; HUNG S-L; SEIDEL-DUGAN C; SRINIVASAN S;
FRIEDMAN H M; COHEN G H
CS UNIV. PA., PHILADELPHIA, PA. 19104.
SO KEYSTONE SYMPOSIUM ON CELL BIOLOGY OF VIRUS ENTRY,
REPLICATION AND PATHOGENESIS, TAOS, NEW MEXICO, USA, FEBRUARY
28-MARCH 5, 1992. J CELL BIOCHEM SUPPL 0 (16 PART C). 1992.
128. CODEN: JCBSD7 DT Conference
LA English

L7 ANSWER 21 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
14 AN 92:119259 BIOSIS
DN RA93:65059
TI DISTINCT RECEPTOR AND REGULATORY PROPERTIES OF RECOMBINANT
MOUSE ***COMPLEMENT*** RECEPTOR 1 ***CR1*** AND CRRY
THE TWO GENETIC HOMOLOGUES OF HUMAN ***CR1***
AU MOLINA H; WONG W; KINOSHITA T; BRENNER C; FOLEY S; HOLERS V M
CS HOWARD HUGHES MED. INST., WASH. UNIV. SCH. MED., 4566 SCOTT
AVE., BOX 8045, ST. LOUIS, MO. 63110.
SO J EXP MED 175 (1). 1992. 121-130. CODEN: JEMEAU ISSN:
0022-1007 LA English

1 Doc

R850, J6

L7 ANSWER 22 OF 50 MEDLINE 1994
AN 92281705 MEDLINE
TI ***Complement*** receptors.
AU Krych M; Atkinson JP; Holers VM
CS Washington University School of Medicine, St Louis,
Missouri. SO Curr Opin Immunol, (1992 Feb) 4 (1) 8-13. Ref: 46
Journal code: AH1. ISSN: 0952-7915.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 9209

L7 ANSWER 23 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
15 AN 91:318836 BIOSIS
DN RA92:29351

TI SITES WITHIN THE ***COMPLEMENT*** ***C3B*** -
C4B RECEPTOR IMPORTANT FOR THE SPECIFICITY OF LIGAND
BINDING. AU KRYCH M; HOURCADE D; ATKINSON J P
CS DIV. RHEUMATOL., 4566 SCOTT AVE., BOX 8045, ST. LOUIS, MO.
63110. SO PROC NATL ACAD SCI U S A 88 (10). 1991. 4353-4357.
CODEN: PNASA6 ISSN: 0027-8424
LA English

✓ Doc
*

L7 ANSWER 24 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
16 AN 92:48956 BIOSIS
DN BA93:28931

TI CRRP A GUINEA-PIG PROTEIN IDENTIFIED BY SEQUENCE HOMOLOGY TO
HUMAN ***CR1*** WHICH CONTAINS TWO ***SHORT***
CONSENSUS ***REPEAT*** MOTIFS AND APPEARS NOT TO BE
TRANSMEMBRANE OR SECRETED.

✓ Doc
*

AU MOORE F D JR
CS DEP. SURGERY, BRIGHAM WOMEN'S HOSP., HARVARD MED. SCH.,
BOSTON, MASS. 02115.
SO J IMMUNOL 147 (10). 1991. 3615-3622. CODEN: JOIMA3 ISSN:
0022-1767 LA English

QR 180.J6

L7 ANSWER 25 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
17 AN 92:28068 BIOSIS
DN BA93:17343

TI CONTRIBUTION OF THE REPEATING DOMAINS OF MEMBRANE COFACTOR
PROTEIN CD46 OF THE ***COMPLEMENT*** SYSTEM TO LIGAND
BINDING AND COFACTOR ACTIVITY.

AU ADAMS E M; BROWN M C; NUNGE M; KRYCH M; ATKINSON J P
CS WASHINGTON UNIVERSITY SCHOOL MEDICINE, DIVISION RHEUMATOLOGY,
4566 SCOTT, BOX 8045, ST. LOUIS, MO. 63110.
SO J IMMUNOL 147 (9). 1991. 3005-3011. CODEN: JOIMA3 ISSN:
0022-1767 LA English

L7 ANSWER 26 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
18 AN 91:227789 BIOSIS
DN BA91:119249

TI OLIGOMERIC DOMAIN STRUCTURE OF HUMAN ***COMPLEMENT***
FACTOR H BY X-RAY AND NEUTRON SOLUTION SCATTERING.

AU PERKINS S J; NEALIS A S; SIM R B
CS DEP. BIOCHEM. AND CHEM., ROYAL FREE HOSP. SCH. MED., ROWLAND
HILL ST., LONDON NW3 2PF, UK.
SO BIOCHEMISTRY 30 (11). 1991. 2847-2857. CODEN: BICHAW ISSN:
0006-2960 LA English

L7 ANSWER 27 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
19 AN 92:96683 BIOSIS
DN BA93:53233

TI MAPPING OF THE ***C3B*** -BINDING SITE OF ***CR1***
AND CONSTRUCTION OF A ***CR1*** -2-FAB'12 CHIMERIC
COMPLEMENT INHIBITOR.

✓ Doc
*

AU KALLI K R; HSU P; BARTOW T J; AHEARN J M; MATSUMOTO A K;
KLICKSTEIN L B; FEARON D T
CS DIV. MOL. CLIN. RHEUMATOL., JOHNS HOPKINS UNIVERSITY SCHOOL
MED., 1059-S ROSS RES. BUILD., 720 RUTLAND AVE., BALTIMORE,

MARYLAND 21205-2196, USA.

SO J EXP MED 174 (6). 1991. 1451-1460. CODEN: JEMEAV ISSN:
0022-1007 LA English

microfilm

L7 ANSWER 28 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
20 AN 91:271869 BIOSIS
TI STRUCTURE OF THE GENE CODING FOR THE ALPHA POLYPEPTIDE CHAIN
OF THE HUMAN ***COMPLEMENT*** COMPONENT ***C4B***
-BINDING PROTEIN. AU RODRIGUEZ DE CORDOBA S; SANCHEZ-CORRAL P;
REY-CAMPOS J CS UNIDAD INMUNOLOGIA, CENTRO INVESTIGACIONES
BIOLOGICAS, VELAZQUEZ 144, 28006 MADRID, SPAIN.
SO J EXP MED 173 (5). 1991. 1073-1082. CODEN: JEMEAV ISSN:
0022-1007 LA English

L7 ANSWER 29 OF 50 MEDLINE 1994
AN 92000511 MEDLINE
TI Membrane cofactor protein (MCP or CD46): newest member of
the regulators of ***complement*** activation gene
cluster. AU Liszewski MK; Post TW; Atkinson JP
CS Howard Hughes Medical Institute Laboratories, Department of
Medicine, Washington University School of Medicine, St. Louis,
Missouri 63110.
SO Annu Rev Immunol, (1991) 9 431-55. Ref: 57
Journal code: ALO. ISSN: 0732-0582.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 9201

L7 ANSWER 30 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
21 AN 91:158916 BIOSIS
DN BA91:84716
TI GENOMIC ORGANIZATION OF THE ALPHA CHAIN OF THE HUMAN
C4B -BINDING PROTEIN GENE.
AU ASO T; OKAMURA S; MATSUGUCHI T; SAKAMOTO N; SATA T; NIHO Y CS
CANCER CENT., FAC. MED., KYUSHU UNIV. HOSP., 3-1-1 MAIDASHI,
HIGASHI-KU, FUKUOKA 812, JPN.
SO BIOCHEM BIOPHYS RES COMMUN 174 (1). 1991. 222-227. CODEN:
BBRCA9 ISSN: 0006-291X
LA English

L7 ANSWER 31 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
22 AN 90:285220 BIOSIS
DN BA90:16066
TI COMPARATIVE STRUCTURE AND EVOLUTION OF MURINE CR2 THE HOMOLOG
OF THE HUMAN C3D-EBV RECEPTOR CD21.
AU FINGEROTH J D
CS LAB. INFECTIOUS DISEASE, DANA-FARBAR CANCER INST., BOSTON,
MASS. 02115.
SO J IMMUNOL 144 (9). 1990. 3458-3467. CODEN: JOIMA3 ISSN:
0022-1767 LA English

L7 ANSWER 32 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
23 AN 90:175887 BIOSIS
TI IDENTIFICATION AND SEQUENCE ANALYSIS OF FOUR
COMPLEMENT FACTOR H-RELATED TRANSCRIPTS IN MOUSE LIVER.
AU VIK D P; MUNOZ-CANOVES P; KOZONO H; MARTIN L G; TACK B F;
CHAPLIN D D CS DEP. IMMUNOL., RES. INST. SCRIPPS CLIN., LA
JOLLA, CALIF. 92037. SO J BIOL CHEM 265 (6). 1990. 3193-3201.
CODEN: JBCHA3 ISSN: 0021-9258 LA English

L7 ANSWER 33 OF 50 MEDLINE 1994
AN 91010789 MEDLINE
TI A molecular and immunochemical characterization of mouse
CR2. Evidence for a single gene model of mouse
complement receptors 1 and 2.
AU Molina H; Kinoshita T; Inoue K; Carel JC; Holers VM
CS Howard Hughes Medical Institute Laboratories, Washington
University School of Medicine, St. Louis, MO 63110.
SO J Immunol, (1990 Nov 1) 145 (9) 2974-83.
Journal code: IFR. ISSN: 0022-1767.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals; Cancer
Journals OS GENBANK-M61132
EM 9101

L7 ANSWER 34 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
24 AN 90:218409 BIOSIS
DN BA89:115699
TI ***C4B*** -BINDING PROTEIN AND A 60000-DALTON PLASMA
PROTEIN SHARE ANTIGENIC DETERMINANTS WITH MEMBRANE COFACTOR
PROTEIN OF ***COMPLEMENT*** .
AU SEYA T; NAGASAWA S; ATKINSON J P
CS CENT. ADULT DISEASES OSAKA, HIGASHINARI-KU, OSAKA 537, JPN.
SO J IMMUNOL 144 (6). 1990. 2312-2320. CODEN: JOIMA3 ISSN:
0022-1767 LA English

L7 ANSWER 35 OF 50 MEDLINE 1994
AN 90361881 MEDLINE
TI Loss of human ***CR1*** - and murine Crry-like exons in
human CR2 transcripts due to CR2 gene mutations.
AU Holguin MH; Kurtz CB; Parker CJ; Weis JJ; Weis JH
CS Veterans Administration Medical Center, Salt Lake City, UT.
NC AI-24158 (NIAID)
GM-40085 (NIGMS)
DK-35380 (NIDDK)
SO J Immunol, (1990 Sep 15) 145 (6) 1776-81.
Journal code: IFR. ISSN: 0022-1767.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals; Cancer
Journals OS GENBANK-M56003

EM 9012

L7 ANSWER 36 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
25 AN 90:155791 BIOSIS
DN BA89:83209

TI MOLECULAR MODELING OF HUMAN ***COMPLEMENT*** COMPONENT C4
AND ITS FRAGMENTS BY X-RAY AND NEUTRON SOLUTION SCATTERING.
AU PERKINS S J; NEALIS A S; SIM R B
CS DEP. BIOCHEM. CHEM., ROYAL FREE HOSP. SCH. MED., ROWLAND HILL
ST., LONDON NW3 2PF, UK.
SO BIOCHEMISTRY 29 (5). 1990. 1167-1175. CODEN: BICAW ISSN:
0006-2960 LA English

L7 ANSWER 37 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
26 AN 90:131820 BIOSIS
DN BA89:70631

TI DUPLICATION AND DIVERGENCE OF THE AMINO-TERMINAL CODING
REGION OF THE ***COMPLEMENT*** RECEPTOR 1 ***CR1***
GENE AN EXAMPLE OF CONCERTED HORIZONTAL EVOLUTION WITHIN A
GENE.

AU HOURCADE D; MIESNER D R; BEE C; ZELDES W; ATKINSON J P CS
HOWARD HUGHES MED. INST. LAB., DIV. RHEUMATOL., WASHINGTON UNIV.
SCH. MED., ST. LOUIS, MO. 63110.
SO J BIOL CHEM 265 (2). 1990. 974-980. CODEN: JBCHA3 ISSN:
0021-9258 LA English

✓DOC
*

L7 ANSWER 38 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
27 AN 90:131809 BIOSIS
DN BA89:70620

TI STRUCTURE OF THE GENE FOR HUMAN ***COMPLEMENT*** PROTEIN
DECAY ACCELERATING FACTOR.

AU POST T W; AKCE M A; LISZEWSKI M K; THOMPSON E S; ATKINSON J
P; LUBLIN D M
CS DEP. PATHOL., BOX 8118, WASHINGTON UNIV. SCH. MED., 6600
SOUTH EUCLID AVE., ST. LOUIS, MO. 63110.
SO J IMMUNOL 144 (2). 1990. 740-744. CODEN: JOIMA3 ISSN:
0022-1767 LA English

L7 ANSWER 39 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
28 AN 91:48560 BIOSIS
DN BA91:26841

TI GENES FOR ***C4B*** -BINDING PROTEIN ALPHA AND BETA-CHAINS
C4BPA AND C4BPB ARE LOCATED ON CHROMOSOME 1 BAND 1Q32 IN
HUMANS AND ON CHROMOSOME 13 IN RATS.

AU ANDERSSON A; DALHBAC B; HANSON C; HILLARP A; LEVAN G;
SZPIRER J; SZPIRER C
CS DEP. GENETICS, UNIV. GOTHENBURG, BOX 33031, S-40033
GOTHENBURG, SWED. SO SOMATIC CELL MOL GENET 16 (5). 1990.
493-500. CODEN: SCMGDN ISSN: 0740-7750
LA English

L7 ANSWER 40 OF 50 MEDLINE 1994
AN 90278155 MEDLINE

TI Structural and functional correlation of the human

complement receptor type 1.
AU Wong WW
CS Department of Rheumatology & Immunology, Brigham & Women's
Hospital, Boston, Massachusetts 02115.
SO J Invest Dermatol, (1990 Jun) 94 (6 Suppl) 64S-67S. Ref: 33
Journal code: IHZ. ISSN: 0022-202X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals; Cancer Journals
EM 9009

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L7 ANSWER 41 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
29 AN 90:3823 BIOSIS
DN BA89:3823
TI MOLECULAR ANALYSIS OF THE MURINE ***C4B*** -BINDING
PROTEIN GENE CHROMOSOME ASSIGNMENT AND PARTIAL GENE
ORGANIZATION.
AU KARNUM S R; KRISTENSEN T; CHAPLIN D D; SELDIN M F; TACK B F
CS RES. INST. SCRIPPS CLIN., LA JOLLA, CALIF. 92307.
SO BIOCHEMISTRY 28 (21). 1989. 8312-8317. CODEN: BICHAW ISSN:
0006-2960 LA English

L7 ANSWER 42 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
30 AN 89:331223 BIOSIS
DN BA88:34223
TI DISULFIDE BONDS ARE LOCALIZED WITHIN THE ***SHORT***
CONSENSUS ***REPEAT*** UNITS OF ***COMPLEMENT***
REGULATORY PROTEINS ***C4B*** -BINDING PROTEIN.
AU JANATOVA J; REID K B M; WILLIS A C
CS DEP. PATHOL., UNIV. UTAH SCH. MED., SALT LAKE CITY, UTAH
84132, USA. SO BIOCHEMISTRY 28 (11). 1989. 4754-4761. CODEN:
BICHAW ISSN: 0006-2960 LA English

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L7 ANSWER 43 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
31 AN 90:70174 BIOSIS
DN BA89:38000
TI MAPPING OF THE EPSTEIN-BARR VIRUS AND C3DG BINDING SITES TO A
COMMON DOMAIN ON ***COMPLEMENT*** RECEPTOR TYPE 2.
AU LOWELL C A; KLICKSTEIN L B; CARTER R H; MITCHELL J A; FEARON
D T; AHEARN J M
CS DEP. MED., JOHNS HOPKINS SCH. MED., 725 N. WOLFE ST., 617
HUNTERIAN, BALTIMORE, MD. 21205.
SO J EXP MED 170 (6). 1989. 1931-1946. CODEN: JEMEAU ISSN:
0022-1007 LA English

L7 ANSWER 44 OF 50 MEDLINE 1994
AN 90026164 MEDLINE
TI Structure and function of C1r and C1s: current concepts. AU
Arlaud GJ; Thielens NM; Aude CA
CS Department de Recherches Fondamentales Unite INSERM 238,
Centre d'Etudes Nucleaires de Grenoble, France.

SO Behring Inst Mitt, (1989 Jul) (84) 56-64. Ref: 52
Journal code: 9KI. ISSN: 0301-0457.
CY GERMANY, WEST: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 9001

L7 ANSWER 45 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS
AN 88:322742 BIOSIS
DN BR35:28076
TI A SPLEEN-SPECIFIC GUINEA-PIG COMPLEMENTARY DNA WHICH CONTAINS
SHORT ***CONSENSUS*** ***REPEATS*** WITH
HOMOLOGY TO HUMAN ***CR1*** .
AU MOORE F D JR; FEARON D T
CS HARVARD MED. SCH., BOSTON, MASS. 02115, USA.
SO 72ND ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES
FOR EXPERIMENTAL BIOLOGY, LAS VEGAS, NEVADA, USA, MAY 1-5,
1988. FASEB (FED AM SOC EXP BIOL) J 2 (6). 1988. ABSTRACT
8928. CODEN: FAJOEC ISSN: 0892-6638
DT Conference
LA English

L7 ANSWER 46 OF 50 MEDLINE 1994
AN 89035992 MEDLINE
TI Identification of distinct ***C3b*** and ***C4b***
recognition sites in the human ***C3b*** / ***C4b***
receptor (***CR1*** , CD35) by deletion mutagenesis.
AU Klickstein LB; Bartow TJ; Miletic V; Rabson LD; Smith JA;
Fearon DT CS Program in Cell and Developmental Biology, Harvard
Medical School, Boston, Massachusetts 02115.
NC AI-22833
GM-07753
SO J Exp Med, (1988 Nov 1) 168 (5) 1699-717.
Journal code: I2V. ISSN: 0022-1007.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
OS GENBANK-Y00816
EM 8902

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L7 ANSWER 47 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
32 AN 88:243830 BIOSIS
DN BA85:122232
TI STRUCTURE OF THE HUMAN B LYMPHOCYTE RECEPTOR FOR C3D AND THE
EPSTEIN-BARR VIRUS AND RELATEDNESS TO OTHER MEMBERS OF THE
FAMILY OF C3-C4 BINDING PROTEINS.
AU WEIS J J; TOOTHAKER L E; SMITH J A; WEIS J H; FEARON D T CS
DEP. RHEUMATOL. IMMUNOL., BRIGHAM WOMEN'S HOSP., HARV. MED. SCH.,
BOSTON, MASS. 02115.
SO J EXP MED 167 (3). 1988. 1047-1066 . CODEN: JEMEAU ISSN:

0022-1007 LA English

L7 ANSWER 48 OF 50 MEDLINE 1994
AN 90180923 MEDLINE
TI Structural superfamilies of the ***complement*** system.
AU Bentley DR
CS Paediatric Research Unit, Guy's Campus, UMDS, London, UK. SO
Exp Clin Immunogenet, (1988) 5 (2-3) 69-80. Ref: 80
Journal code: AOK. ISSN: 0254-9670.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 9006

L7 ANSWER 49 OF 50 MEDLINE 1994
AN 90009070 MEDLINE
TI C3 receptors on macrophages.
AU Law SK
CS Department of Biochemistry, University of Oxford, UK. SO J
Cell Sci Suppl, (1988) 9 67-97. Ref: 187
Journal code: HNG. ISSN: 0269-3518.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals
EM 9001

L7 ANSWER 50 OF 50 BIOSIS COPYRIGHT 1994 BIOSIS DUPLICATE
33 AN 87:251707 BIOSIS
DN BA84:4679
TI HUMAN ***C3B*** - ***C4B*** RECEPTOR CRI DEMONSTRATION
OF LONG HOMOLOGOUS REPEATING DOMAINS THAT ARE COMPOSED OF THE
SHORT ***CONSENSUS*** ***REPEATS***
CHARACTERISTIC OF C3-C4 BINDING PROTEINS.
AU KLICKSTEIN L B; WONG W W; SMITH J A; WEIS J H; WILSON J G;
FEARON D T CS DEP. MED., HARVARD MED. SCH., BOSTON, MASS. 02115.
SO J EXP MED 165 (4). 1987. 1095-1112. CODEN: JEMEAV ISSN:
0022-1007 LA English

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*   The USPTO production files are current through:
*   07 JUN 1994 for U.S. Patent Text Data.
*   07 JUN 1994 for U.S. Current Classification data.
*   07 JUN 1994 for U.S. Patent Image Data.
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*           W E L C O M E   T O   T H E
*   U. S.   P A T E N T   T E X T   F I L E
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=> s cr1 and complement and (short consensus repeat?)

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      2849 CR1
      27574 COMPLEMENT
      458447 SHORT
      1127 CONSENSUS
      378645 REPEAT?
          4 SHORT CONSENSUS REPEAT?
            (SHORT(W)CONSENSUS(W)REPEAT?)
L1      2 CR1 AND COMPLEMENT AND (SHORT CONSENSUS REPEAT?)
=> d 11 1-2

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1. 5,256,642, Oct. 26, 1993, Compositions of soluble
 complement receptor 1 (**CR1**) and a thrombolytic agent, and
 the methods of use thereof; Douglas T. Fearon, et al., 514/8;
 424/94.63, 94.64; 435/215, 216; 514/2; 530/350 [IMAGE AVAILABLE]

2. 5,212,071, May 18, 1993, Nucleic acids encoding a human
 C3b/C4b receptor (**CR1**); Douglas T. Fearon, et al., 435/69.1,
 252.3, 320.1; 530/350 [IMAGE AVAILABLE]

=> s complement and (short consensus repeat?)

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      27574 COMPLEMENT
      458447 SHORT
      1127 CONSENSUS
      378645 REPEAT?
          4 SHORT CONSENSUS REPEAT?
            (SHORT(W)CONSENSUS(W)REPEAT?)
L2      4 COMPLEMENT AND (SHORT CONSENSUS REPEAT?)

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=> s 12 not 11

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L3      2 L2 NOT L1

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=> d 13 1-2

1. 5,304,640, Apr. 19, 1994, DNA sequence encoding a selectin
 ligand; Laurence A. Lasky, et al., 536/23.5; 435/69.1, 172.3,
 240.2, 320.1 [IMAGE AVAILABLE]

2. 5,223,409, Jun. 29, 1993, Directed evolution of novel binding

proteins; Robert C. Ladner, et al., 435/69.7, 69.1, 172.3, 252.3, 320.1; 530/387.3, 387.5 [IMAGE AVAILABLE]

=> s complement and domain?

27574 COMPLEMENT

19647 DOMAIN?

L4 1405 COMPLEMENT AND DOMAIN?

=> s 14 and (c3b or c4b)

196 C3B

124 C4B

L5 33 L4 AND (C3B OR C4B)

=> d 15 1-33

1. 5,317,088, May 31, 1994, C-terminal conglutinin fragments coupled to solid support; Young M. Lee, et al., 530/350; 435/240.1, 240.2; 530/322, 324, 333, 334, 344, 345, 402, 403, 412, 413; 536/127 [IMAGE AVAILABLE]

2. 5,310,729, May 10, 1994, Interferon-related polypeptides as CR2 ligands and their use for modulating immune cell functions; Waldemar Lernhardt, 514/15, 16; 530/327, 328 [IMAGE AVAILABLE]

3. 5,300,834, May 3, 1994, Treatment of endotoxin-associated shock and prevention thereof using a BPI protein; Randal W. Scott, et al., 514/12, 8, 21 [IMAGE AVAILABLE]

4. 5,272,263, Dec. 21, 1993, DNA sequences encoding vascular cell adhesion molecules (VCAMS); Catherine A. Hession, et al., 536/23.5; 435/69.6, 320.1; 530/380 [IMAGE AVAILABLE]

5. 5,264,357, Nov. 23, 1993, Nucleic acids vectors and cells for the synthesis of membrane anchor fusion polypeptides; Ingrid W. Caras, et al., 435/240.1, 69.7, 240.2, 252.3, 320.1; 536/23.4 [IMAGE AVAILABLE]

6. 5,256,642, Oct. 26, 1993, Compositions of soluble **complement** receptor 1 (CR1) and a thrombolytic agent, and the methods of use thereof; Douglas T. Fearon, et al., 514/8; 424/94.63, 94.64; 435/215, 216; 514/2; 530/350 [IMAGE AVAILABLE]

7. 5,252,216, Oct. 12, 1993, Protein purification; Gail Folena-Wasserman, et al., 210/635, 656; 530/380, 413, 416, 417, 420 [IMAGE AVAILABLE]

8. 5,238,839, Aug. 24, 1993, Nucleic Acids Encoding proteins which induce immunological effector cell activation and chemattraction, vectors, and recombinant cells; Harvey I. Cantor, et al., 435/240.1, 240.2, 252.3, 252.33, 254.21, 320.1; 536/23.5 [IMAGE AVAILABLE]

9. 5,225,538, Jul. 6, 1993, Lymphocyte homing receptor/immunoglobulin fusion proteins; Daniel J. Capon, et al., 530/387.3; 435/69.7; 530/388.73 [IMAGE AVAILABLE]

10. 5,223,409, Jun. 29, 1993, Directed evolution of novel

binding proteins; Robert C. Ladner, et al., 435/69.7, 69.1, 172.3, 252.3, 320.1; 530/387.3, 387.5 [IMAGE AVAILABLE]

11. 5,217,870, Jun. 8, 1993, Monoclonal antibodies against CDX; Catherine A. Hession, et al., 435/7.24, 172.2, 240.27; 530/388.7 [IMAGE AVAILABLE]

12. 5,216,131, Jun. 1, 1993, Lymphocyte homing receptors; Laurence A. Lasky, et al., 530/350, 300, 324 [IMAGE AVAILABLE]

13. 5,212,071, May 18, 1993, Nucleic acids encoding a human **C3b**/**C4b** receptor (CR1); Douglas T. Fearon, et al., 435/69.1, 252.3, 320.1; 530/350 [IMAGE AVAILABLE]

14. 5,198,424, Mar. 30, 1993, Functionally active selectin-derived peptides; Rodger P. McEver, 514/13; 424/1.37, 1.69; 427/2; 514/12, 14, 15, 16; 530/324, 325, 326, 327; 623/11 [IMAGE AVAILABLE]

15. 5,190,873, Mar. 2, 1993, Hybrid tryptophan aporepressor containing ligand binding sites; Waldemar Lernhardt, et al., 435/177, 69.1, 69.7; 530/350, 812; 930/250 [IMAGE AVAILABLE]

16. 5,187,067, Feb. 16, 1993, Immunological determination of free human protein S and C4bp-protein S complex; Yukiya Koike, et al., 435/7.9, 7.1, 240.27; 436/821, 824; 530/387.1, 388.25, 412, 413 [IMAGE AVAILABLE]

17. 5,171,739, Dec. 15, 1992, Treatment of endotoxin-associated shock and prevention thereof using a BPI protein; Randal W. Scott, et al., 514/12, 921 [IMAGE AVAILABLE]

18. 5,159,063, Oct. 27, 1992, Isolation and characterization of a 120 kDa glycoprotein plasma; Carl H. Hammer, et al., 530/380, 395, 829, 830 [IMAGE AVAILABLE]

19. 5,135,916, Aug. 4, 1992, Inhibition of **complement** mediated inflammatory response; Peter J. Sims, et al., 514/21, 2, 8, 12; 530/350, 380, 830 [IMAGE AVAILABLE]

20. 5,116,964, May 26, 1992, Hybrid immunoglobulins; Daniel J. Capon, et al., 536/23.5; 435/69.7, 252.3, 320.1; 530/350; 536/23.51, 23.53 [IMAGE AVAILABLE]

21. 5,109,113, Apr. 28, 1992, Membrane anchor fusion polypeptides; Ingrid W. Caras, et al., 530/350; 435/69.7; 530/359, 405, 409, 806, 807, 808 [IMAGE AVAILABLE]

22. 5,098,833, Mar. 24, 1992, DNA sequence encoding a functional **domain** of a lymphocyte homing receptor; Laurence A. Lasky, et al., 435/69.1, 240.1, 252.3, 320.1; 530/350; 536/23.51 [IMAGE AVAILABLE]

23. 5,057,604, Oct. 15, 1991, Novel monoclonal antibodies; Eric J. Brown, 530/388.22; 435/240.26; 530/388.7 [IMAGE AVAILABLE]

24. 5,049,659, Sep. 17, 1991, Proteins which induce

immunological effector cell activation and chemattraction; Harvey I. Cantor, et al., 530/351; 424/85.1; 530/350, 395 [IMAGE AVAILABLE]

25. 4,978,611, Dec. 18, 1990, Reagents for measurement of immune complexes and method for measurement of immune complexes by use thereof; Kenji Hosoda, et al., 435/7.92; 436/506, 507, 512, 513, 531, 821, 828 [IMAGE AVAILABLE]

26. 4,951,139, Aug. 21, 1990, Computer-based video compression system; Eric R. Hamilton, et al., 348/404; 375/27 [IMAGE AVAILABLE]

27. 4,897,717, Jan. 30, 1990, Computer-based video compression system; Eric R. Hamilton, et al., 348/404, 422; 364/514; 375/122 [IMAGE AVAILABLE]

28. 4,837,028, Jun. 6, 1989, Liposomes with enhanced circulation time; Theresa M. Allen, 424/1.21; 264/4.3; 424/450; 428/402.2; 435/5; 436/829 [IMAGE AVAILABLE]

29. 4,794,168, Dec. 27, 1988, Leukemia-associated virus immunogen, vaccine and assay; John H. Elder, et al., 530/324, 325, 326, 327; 930/220, 221 [IMAGE AVAILABLE]

30. 4,740,594, Apr. 26, 1988, Dextran derivatives endowed, particularly with anti-coagulant properties and anti-complementary properties, their preparation and their biological uses; Monique Mauzac, et al., 536/51; 514/832, 833; 536/53, 112 [IMAGE AVAILABLE]

31. 4,663,436, May 5, 1987, Leukemia-associated virus immunogen, vaccine and assay; John H. Elder, et al., 530/324; 424/88; 530/325, 326, 327, 328, 329, 330; 930/220 [IMAGE AVAILABLE]

32. 4,642,284, Feb. 10, 1987, Method and system for detection of **complement** pathway activation; Neil Cooper, et al., 435/7.94, 4, 7.4, 28, 965, 966, 971, 975; 436/512, 518, 520, 528, 529, 530, 536, 538, 540, 543, 544, 547, 808, 821 [IMAGE AVAILABLE]

33. 3,740,466, Jun. 19, 1973, SURVEILLANCE SYSTEM; James M. Marshall, et al., 348/154, 399 [IMAGE AVAILABLE]

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L1 2 S CR1 AND COMPLEMENT AND (SHORT CONSENSUS
REPEAT?) L2 4 S COMPLEMENT AND (SHORT CONSENSUS
REPEAT?) L3 2 S L2 NOT L1
L4 1405 S COMPLEMENT AND DOMAIN?
L5 33 S L4 AND (C3B OR C4B)

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